Title of Invention: Retail Identification System Application No. 10/689,181 Inventor's: Laiwalla, Cosaro, and Tierney

Claims

[c1]

What we claim as our invention is: A verification device for reading driver's licenses, bank checks, thumb prints, photos (from a digital camera), telephone numbers and storing this data in nonvolatile memory until down loaded to a variety of peripherals, said device comprising of:

an embedded microprocessor/microcontroller with on-board RAM/ROM used to store, process, and communicate information;

- a card reader is a three stripe reader that has the capability of reading any state drivers license or credit cards;
- a check reader that is able to read magnetically encoded checks;
- a numeric keypad that will be used to input user data such as phone numbers;
- a LCD display to convey user input as well as age validation;
- a switch to change the state of the system to allow administrator privileges such as printing out a summary of checks cashed;
- a thermal printer used to print hard copy of the information enter;
- a thumb print reader used to associate finger print of customer with check;
- a digital camera to photograph customer to be used in identifying customer with check;
- an Ethernet connection to communicate with a host computer;
- a modem used to communicate with a host computer;
- a removable memory storage device with insertion slot to store data.